

E7.4-10388  
CR-137206

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Monthly Report  
to  
National Aeronautics and Space  
Administration

E74-10388) [DEVELOP TECHNIQUES AND  
PROCEDURES, USING MULTISPECTRAL SYSTEMS,  
TO IDENTIFY FROM REMOTELY SENSED DATA  
THE PHYSICAL AND THERMAL (South Dakota  
State Univ.) 2 p HC \$4.00 CSCL 08F

N74-18997

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G3/13

Contract No. NAS 9-13337  
Period Ending December 1, 1973

Remote Sensing Institute  
South Dakota State University  
Brookings, South Dakota 57006

3.0 Report of work as identified in Ex. A (SOW) --- Contract NAS 9-13337

3.1 Progress Reports

a. Overall status ----

Further coordination for a south Texas SL-4 was underway. A request for costs associated with a Remote Sensing Institute aircraft flight for both predawn and daytime conditions were requested. These were determined and sent.

The Robert's Gradient method for boundary detection has been modified and computer programs have been written for specific application. This program is being documented.

b. Recommendations ----

Recommendations at this time are to further the proposed investigation and pursue data collection in the Lower Rio Grand Valley for SL-4.

c. Expected accomplishments ----

The progress to date for the boundary detection procedure will be summarized and presented.

d. A readily.....results.....

None at this time.

e. Summary outlook ----

At this time, the summary outlook appears to follow in general, that which is stated in the "SOW" of the contract. However, those data to be analyzed will be selected after knowledge of which data are available.

f. Travel summary ----

Travel for the next reporting period will include two RSI personnel traveling to the Texas site by car. In addition, three RSI personnel will travel with the RSI aircraft for the data collection mission.